



# Trend and attribution analysis

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An abbreviated version of this protocol was published in Science Advances in Oct 2020

Spatial and temporal variations in global soil respiration and their relationships with climate and land cover

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## Detailed protocol

We conducted trend and attribution analysis using MATLAB software. The specific method is discussed in detail in the Materials and Methods section of the paper (Huang et al., 2020; Science Advances).

**How to cite:** (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Huang, N. and Wang, L. (2021). Trend and attribution analysis. Bio-protocol Preprint. [bio-protocol.org/prep1010](https://bio-protocol.org/prep1010).
2. Huang, N., Wang, L., Song, X., Black, T. A., Jassal, R. S., Myneni, R. B., Wu, C., Wang, L., Song, W., Ji, D., Yu, S. and Niu, Z. (2020). Spatial and temporal variations in global soil respiration and their relationships with climate and land cover . Science Advances 6(41). DOI: [10.1126/sciadv.abb8508](https://doi.org/10.1126/sciadv.abb8508)

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